Permit No. WA-003209-3
Issuance Date: March 2, 2006
Effective Date: March 2, 2006
Expiration Date: February 28, 2011

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WASTE DISCHARGE PERMIT No. WA-003209-3

State of Washington
DEPARTMENT OF ECOLOGY
Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, WA 98008-5452

In compliance with the provisions of
The State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington
and
The Federal Water Pollution Control Act
(The Clean Water Act)
Title 33 United States Code, Section 1251 et seq.

Northwest Pipeline Corporation

2800 Post Oak Blvd.
Houston, TX 77056

Site Location: Western Washington (Linear project from Sumas in Whatcom County through Skagit, Snohomish, King, Pierce, Thurston, Lewis, Cowlitz Counties to Washougal in Clark County)	Industry Type: 1) Construction Activity 2) Hydrostatic Pipeline Testing Activity
Receiving Water: Listed in Tables 1 and 2 of the permit	Waterbody I.D. No.: Listed in Table 1 of the permit
Discharge Locations: Listed in Tables 1 and 2 of the permit	

is authorized to discharge in accordance with the Special and General Conditions which follow.

Kevin C. Fitzpatrick
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

Table 1. Discharge Locations and Receiving Water Bodies

Outfall	Potential Receiving Water	Waterbody ID	Latitude/Longitude	WADOE Class*
Sumas Loop				
1	Wetland Ditch	S-1.1A	49.00002, -122.22132	A
2	Wetland Ditch	S-1.1B	48.99396, -122.22141	A
3	Wetland Ditch	S-2	48.99409, -122.22552	A
4	Wetland Ditch	S-2	48.99989, -122.22562	A
5	Wetland Ditch	S-2	48.99291, -122.22637	A
6	Wetland Ditch	S-2	48.99277, -122.22646	A
7	Upland Ditch	S-3A	48.98907, -122.22949	A
8	Upland Ditch	S-3B	48.98907, -122.22949	A
9	Upland Ditch	S-3C	48.98550, -122.23246	A
10	Saar Creek	S-4A	48.98308, -122.23448	A
11	Upland Ditch	S-5A	48.98201, -122.23514	A
12	Upland Ditch	S-5B	48.98201, -122.23514	A
13	Saar Creek	S-4B	48.98201, -122.23514	A
14	Trib. to Lake	S-7	48.96210, -122.25115	AA
15	Trib. to Lake	S-9	48.95778, -122.25551	AA
16	Wetland Ditch	S-10	48.95667, -122.25662	A
17	Trib. to Kinney Creek	S-14	48.95667, -122.25662	A
18	Trib. to Kinney Creek	S-16	48.94416, -122.26116	A
19	Kinney Creek	S-21	48.93202, -122.27091	A
20	Breckenridge Creek	S-22	48.92977, -122.27333	A
21	Upland Ditch	S-22.1A	48.92026, -122.27686	A
22	Upland Ditch	S-22.1B	48.92026, -122.27686	A
23	Swift Creek [5]	S-23	48.91217, -122.27700	A
24	Wetland Ditch	S-25	48.90561, 122.28048	A
25	Wetland Ditch	S-26.1A	48.90404, -122.28208	A
26	Wetland Ditch	S-26.1B	48.90319, -122.28295	A
27	Trib. to Sumas River	S-27	48.90184, -122.28349	A
28	Pond Outlet	S-27	48.90184, -122.28349	A
29	Trib. to Sumas River	S-29	48.89648, -122.28345	A
30	Upland Ditch	S-29.1	48.89445, -122.28343	A
31	Upland Ditch	S-29.2	48.89401, -122.28343	A
32	Trib. to Sumas River	S-30	48.89256, -122.28342	A
33	Trib. to Sumas River	S-31A, B	48.89170, -122.28341	A
34	Dale Creek	S-32	48.88865, -122.28339	A
35	Trib. to Sumas River	S-35	48.88865, -122.28339	A
36	Trib. to Sumas River	S-38	48.88865, -122.28339	A
37	Unnamed Tributary	S-39	48.89256, -122.28342	A
38	Unnamed Tributary	S-43	48.87044, -122.27825	A
39	Unnamed Tributary	S-44	48.86825, -122.27765	A
40	Trib. to Smith Creek	S-48	48.85204, -122.27585	A
41	Trib. to Sumas River	S-47	48.85750, -122.27911	A
42	Upland Ditch	S-49.1	48.85001, -122.27405	A
43	Upland Ditch	S-51	48.84522, -122.26800	A
44	Unnamed Tributary	S-52	48.84484, -122.26707	A
45	Wetland Ditch	S-53	48.84431, -122.266577	A
46	Upland Ditch	S-53.1	48.84355, -122.26392	A
47	Smith Creek	S-54	48.84188, -122.25935	A

Outfall	Potential Receiving Water	Waterbody ID	Latitude/Longitude	WADOE Class*
48	Trib. to Macaulay Creek	S-55	48.84028, -1222.25396	A
49	Trib. to Macaulay Creek	S-56	48.83797, -122.24616	A
50	Upland Ditch	S-56.1	48.83755, -122.24476	A
51	Macaulay Creek	S-57	48.83445, -122.23613	A
52	Trib. to Mitchell Creek	S-57.1	48.83288, -122.23271	A
53	Mitchell Creek-ditch	S-59	48.83214, -122.23109	A
54	Trib. to Mitchell Creek	S-60	48.82808, -122.21905	A
55	Trib. to Mitchell Creek	S-62	48.82570, -122.21276	A
56	Ditch & Unnamed Trib.	S-64	48.82178, -122.20104 48.82153, -122.20082	A
57	Trib. to Jim Creek	S-66	48.81842, -122.19641	A
58	Trib. to Jim Creek	S-67A	48.81813, -122.19593	A
59	Trib. to Jim Creek	S-67B	48.81764, -122.19557	A
60	Jim Creek	S-68	48.81643, -122.19506	A
61	Trib. to Nooksack River	S-69	48.81308, -122.19338	A
62	N. Fork Nooksack River	S-70	48.80975, -122.19194	A
63	Tributary to S. Fork Nooksack River	S-73	48.79863, -122.18822	A
64	Tributary to S. Fork Nooksack River	S-74	48.79667, -122.18748	A
65	Tributary to S. Fork Nooksack River	S-74	48.79569, -122.18712	A
66	Tributary to S. Fork Nooksack River	S-75	48.79274, -122.18635	A
67	Tributary to S. Fork Nooksack River	S-76	48.79018, -122.18598	A
68	Tributary to S. Fork Nooksack River	S-76	48.79024, -122.18585	A
69	Trib. to Black Slough	S-78	48.77535, -122.18864	A
70	Wetland Ditch	S-80A	48.77083, -122.18944	A
71	Wetland Ditch	S-80B	48.77083, -122.18944	A
72	Trib. to Black Slough	S-82	48.76435, -122.18898	A
73	Wetland Ditch	S-82	48.76444, -122.18914	A
74	Wetland Ditch	S-82	48.76315, -122.18915	A
75	Wetland Ditch	S-82	48.76027, -122.18916	A
76	Wetland Ditch	S-83	48.76012, -122.18918	A
77	Tinling Creek	S-84	48.75839, -122.18947	A
78	Wetland Ditch	S-85	48.75695, -122.18971	A
79	Wetland Ditch	S-85	48.75319, -122.19034	A
80	Wetland Ditch	S-86A	48.74613, -122.19047	A
81	Wetland Ditch	S-86B	48.74598, -122.19047	A
82	Wetland Ditch	S-87	48.74252, -122.19053	A
83	Trib. to Black Slough	S-88	48.73906, -122.19059	A
84	Wetland Ditch	S-89A	48.73545, -122.19065	A
85	Wetland Ditch	S-89B	48.73531, -122.19066	A
86	Tributary to S. Fork Nooksack River	S-91	48.71937, -122.19191	A
Mt. Vernon Loop				
87	Pilchuck Creek	MV-7	48.26608, -122.16326	A
88	Trib. to Pilchuck Creek (Ditch)	MV-8	48.26582, -122.16308	A
89	Trib. to Pilchuck Creek	MV-8.1	48.26455, -122.16159	A
90	Armstrong Creek	MV-11	48.22857, -122.13190	A
91	North Fork Stillaguamish River	MV-14	48.21185, -122.11670	A
92	South Fork Stillaguamish River	MV-15	48.20803, -122.11389	A
93	Eagle Creek	MV-16	48.20274, -122.10907	A
94	Wetland Ditch	MV-17	48.19596, -122.10525	A
95	Wetland Ditch	MV-18	48.19400, -122.10476	A

Outfall	Potential Receiving Water	Waterbody ID	Latitude/Longitude	WADOE Class*
96	Tributary to S. Fork Stillaguamish River	MV-20	48.18470, -122.10110	A
97	Tributary to S. Fork Stillaguamish River	MV-23	48.18029, -122.10024	A
98	Wetland Ditch	MV-24	48.17901, -122.09995	A
99	Tributary to S. Fork Stillaguamish River	MV-27	48.17168, -122.09802	A
100	Olson Lake	MV-32A&B	48.14484, -122.08367	AA
101	Tributary to Star Creek (ditch)	MV-44	48.09884, -122.06584	A
102	Upland Ditch	MV-45	48.09748, -122.06542	A
103	Upland Ditch	MV-47A	48.09309, -122.06220	A
104	Upland Ditch	MV-47B	48.09295, -122.06219	A
105	Star Creek	MV-49.1	48.09001, -122.06214	A
106	Tributary to Little Pilchuck Creek	MV-50	48.07294, -122.06055	A
107	Upland Ditch	MV-50.1	48.07221, -122.06042	A
108	Upland Ditch	MV-51	48.07075, -122.06025	A
109	Upland Ditch	MV-53A	48.06594, -122.05995	A
110	Upland Ditch	MV-53B	48.06579, -122.05993	A
111	Upland Ditch	MV-54	48.05769, -122.05850	A
112	Tributary to Little Pilchuck Creek	MV-55	48.04358, -122.05603	A
113	Tributary to Little Pilchuck Creek	MV-57	48.04105, -122.05555	A
114	Upland Ditch	MV-59	48.03863, -122.05517	A
115	Upland Ditch	MV-59.1	48.03589, -122.05488	A
116	Little Pilchuck Creek	MV-62	48.02935, -122.05249	A
117	Little Pilchuck Creek	MV-63	48.02179, -122.05033	A
118	Upland Ditch	MV-64	48.01908, -122.04991	A
119	Catherine Creek	MV-66	48.00914, -122.05163	A
Snohomish Loop				
120	Tributary to Paradise Lake/Bear Creek	SN-2	47.78549, -122.05738	A
121	Upland Ditch	SN-2.1	47.78478, -122.05735	A
122	Upland Ditch	SN-3.2A	47.78122, -122.05721	A
123	Upland Ditch	SN-3.2B	47.78122, -122.05721	A
124	Tributary to Paradise Lake/Bear Creek	SN-4	47.77879, -122.05767	AA
125	Tributary to Paradise Lake/Bear Creek	SN-6	47.77591, -122.05712	AA
126	Tributary to Paradise Lake/Bear Creek	SN-6	47.77535, -122.05691	AA
127	Tributary to Paradise Lake/Bear Creek	SN-7	47.78122, -122.05721	AA
128	Tributary to Paradise Lake/Bear Creek	SN-21	47.78122, -122.05721	AA
129	Struve Creek	SN-22	47.77879, -122.05767	A
130	Colin Creek	SN-24	47.77591, -122.05712	A
131	Trib. to Seidel Creek	SN-28 A,B	47.77535, -122.05691	A
132	Trib. to Seidel Creek	SN-29	47.78122, -122.05721	A
133	Trib. to Bear Creek	SN-32	47.78122, -122.05721	A
134	Trib. to Evans Creek	SN-37	47.77879, -122.05767	A
135	Trib. to Evans Creek	SN-38	47.77591, -122.05712	A
136	Trib. to Evans Creek	SN-39.3	47.77591, -122.05712	A
137	Upland Ditch	SN-40.2	47.78122, -122.05721	A
138	Evans Creek	SN-42	47.78122, -122.05721	A
139	Trib. to Evans Creek	SN-43	47.77879, -122.05767	A
Ft. Lewis Loop				
140	Lacamas Creek	FL-17	47.77591, -122.05712	A
141	Murray Creek	FL-23	47.77591, -122.05712	A
142	Nisqually River	FL-35A,B	47.77591, -122.05712	A
143	Centralia Canal	FL-37	47.77591, -122.05712	A

Outfall	Potential Receiving Water	Waterbody ID	Latitude/Longitude	WADOE Class*
144	Tributary to Yelm Creek (ditch)	FL-43	47.77591, -122.05712	A
145	Upland Ditch	FL-44.1A	47.77591, -122.05712	A
146	Upland Ditch	FL-44.1B	47.77591, -122.05712	A
147	Tributary to Yelm Creek	FL-45	47.77591, -122.05712	A
148	Upland Ditch	FL-45.1B	47.77591, -122.05712	A
149	Upland Ditch	FL-46	47.77591, -122.05712	A
150	Upland Ditch	FL-46.1	47.77591, -122.05712	A
151	Upland Ditch	FL-47.1A	47.77591, -122.05712	A
152	Upland Ditch	FL-47.1B	47.77591, -122.05712	A
26-Inch Disconnect				
153	Trib. to East Fork Lewis River (Ditch)	RF-1	46.85321, -122.67695	A

* **Based upon 1997 class-based Surface Water Quality Standards (WAC 173-201A).**

Table 2. Hydrostatic Test Water Discharge Locations for the Capacity Replacement Project
(as depicted on Figure 2-15 of the fact sheet)

Discharge Location #2	Mile Post	Environmental Alignment Sheet	Application Area (acres)
Sumas Loop			
HYDRO-1	1484.34	S-1(266E)	w/i ROW
HYDRO-2	1482.28	S-3(266C)	0.41
HYDRO-3	1480.36	S-5(266A)	0.23
HYDRO-4	1479.63	S-6(265F)	w/i ROW
HYDRO-5	1476.95	S-8(265D)	0.25
HYDRO-6	1473.91	S-11(265A)	w/i ROW
HYDRO-7	1473.48	S-12(264E)	0.25
HYDRO-8	1471.43	S-14(264C)	0.24
HYDRO-9	1469.00	S-16(264A)	0.27
HYDRO-10	1468.87	S-16(264A)	0.24
HYDRO-10A	**1467.85**	**S-17(263F)**	**w/i ROW**
HYDRO-11	1467.75	S-17(263F)	0.24
HYDRO-11A	**1467.45**	**S-17(263F)**	**w/i ROW**
HYDRO-11B	**1467.35**	**S-18(263E)**	**w/i ROW**
HYDRO-12	1466.50	S-18(263E)	0.25
HYDRO-13	1461.77	S-22(263A)	0.32
Mt. Vernon Loop			
HYDRO-14	1431.25	MV-1(257D)	0.31
HYDRO-15	1430.13	MV-2(257C)	0.23
HYDRO-16	1429.05	MV-3(257B)	w/i ROW
HYDRO-17	1428.35	MV-3(257B)	w/i ROW
HYDRO-17A	**1426.30**	**MV-5(256D)**	**w/i ROW**
HYDRO-18	1425.29	MV-6(256C)	0.25
HYDRO-19	1424.67	MV-6(256C)	0.06
HYDRO-20	1424.53	MV-6(256C)	0.06

HYDRO-21	1423.21	MV-8(256A)	0.06
HYDRO-22	1422.65	MV-8(256A)	0.23
HYDRO-23	1421.61	MV-9(255E)	0.06
HYDRO-24	1417.42	MV-13(255A)	0.23
HYDRO-25	1414.71	MV-15(254D)	0.23
HYDRO-26	1412.77	MV-17(254B)	0.24
HYDRO-27	1408.83	MV-20(253E)	0.23
Snohomish Loop			
HYDRO-28	1393.89	SN-1(251A)	0.23
HYDRO-29	1383.86	SN-10(249B)	0.23
Ft. Lewis Loop			
HYDRO-30	1323.91	FL-14(238C)	0.55

TABLE OF CONTENTS

GENERAL CONDITIONS

(Parts I and II)

SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

PART I: STORMWATER DISCHARGES AND CONSTRUCTION RUNOFF			
Permit Section	**Submittal**	**Frequency**	**First Submittal Date**
S3.A.	Construction Stormwater/Dewatering Monitoring Plan	Annually	At least thirty (30) days prior to initial discharge, then annually on March 1st thereafter
S3.B.	Photographic or video documentation of Soil Stabilization	Annually	November 1, 2006
S4.A.	Discharge Monitoring Report (DMR)	Monthly	On the 15th of the month following initial construction activities
S4.E.	Noncompliance Notification	As needed	Within five (5) days after becoming aware of the violation
S6.B.	Stormwater Pollution Prevention Plan (SWPPP)	Annually	Master SWPPP: prior to the start of the construction. Updated SWPPP: annually every year by March 1st
S6.A.11.	Experimental BMP Request	As needed	Thirty (30) days prior to proposed use
S6.A.9.a,d	SWPPP Monitoring Plan Modifications	As needed	Proposed revisions submitted at least thirty (30) days before implementation
PART II: HYDROSTATIC TEST WATER DISCHARGE			
S3.A.	Discharge Monitoring Report (DMR)	Batch	On the 15th of the month following completion of each hydrostatic pipeline testing event
S3.E.	Noncompliance Notification	As needed	Within five (5) days after becoming aware of the violation
S4.1.	Stormwater Pollution Prevention Plan (SWPPP)	Once per permit cycle	Master SWPPP: prior to the discharge of hydrostatic test water, Updated SWPPP: as necessary
S4.5.	SWPPP Modifications	As needed	Proposed revisions submitted at least fifteen (15) days before implementation
GENERAL CONDITIONS			
G6.	Application for Permit Renewal	One (1) per permit cycle	August 28, 2010
G7.	Notice of Change in Authorization	As needed	At least thirty (30) days prior to the change in authorization

PART I: STORMWATER DISCHARGES AND CONSTRUCTION RUNOFF

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

A. Authorized Discharges

This permit authorizes the discharge of storm water and uncontaminated construction dewatering water associated with construction activities to waters of the state of Washington from the Northwest Natural Gas Pipeline System construction project subject to the terms and conditions of the permit.

B. Discharge Prohibitions

Process wastewater, domestic wastewater, and noncontact cooling water discharges to surface water are prohibited. Prohibited process wastewater discharges include, but are not limited to: truck wash water, tire bath wastewater, equipment wash water, petroleum related products, and chemical wastes.

All wheel wash discharges to ground water and surface water are prohibited.

Visible trackouts on public access roads are prohibited.

This permit does not authorize illicit discharges, including spills of oil or hazardous substances, nor does it relieve entities from obligations under state and federal laws and regulations pertaining to those discharges.

C. Stormwater and Uncontaminated Construction Dewatering Discharges

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date of this permit and lasting through the expiration date, the Permittee is authorized to discharge stormwater and uncontaminated dewatering water at the permitted discharge locations subject to meeting the following limitations:

1. The following effluent limitations apply to the entire construction project.

EFFLUENT LIMITATIONS: DISCHARGES TO SURFACE WATER AND WETLANDS	
Parameter	**Maximum Daily[a]**
Turbidity [1]	Turbidity in the **receiving water** shall not exceed 5 nephelometric turbidity units (NTU) over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.
Turbidity [1]	50 NTU
Total Petroleum Hydrocarbons [2]	5 mg/L and no visible sheen at any time
pH [3]	In the range of 6.5 to 8.5 standard units
[a] The maximum daily effluent limitation is defined as the highest allowable daily discharge.	

Discharges shall not cause a visible change in turbidity or color or cause visible oil sheens in the discharges or receiving water body.

EFFLUENT LIMITATIONS: DISCHARGES TO GROUND WATER[a]	
Parameter	**Maximum Daily[b]**
Total Petroleum Hydrocarbons [2]	5 mg/L[c] and no visible sheen at any time
pH [3]	In the range of 6.5 to 8.5 standard units
[a] Any discharge to a pond, lagoon, or other type of impoundment or storage facility that is unlined is considered a discharge to *ground water* and is subject to the *ground water* quality standards (Chapter 173-200 WAC). [b] The maximum daily effluent limitation is defined as the highest allowable daily discharge. [c] The point of compliance with the ground water quality standards shall be defined as any point within an unlined impoundment pond or other point of discharge to ground water.	

Footnotes for both the tables:

(1) The method detection level (MDL) for turbidity is 1 NTU using a turbidimeter and Method Number 180.1 from 40 CFR Part 136 or Standard Methods for the Examination of Water and Wastewater, 20th Edition, 2130.

(2) The MDL for total petroleum hydrocarbons is 0.1 mg/L using Gas Chromatography and Flame Ionization Detector (FID) and Method Number WTPH-D Diesel (WTPH-D) from Washington State Department of Ecology Method WTPH-D. The quantitation level (QL) for TPH-D is 0.5 mg/L (5 x MDL).

(3) Standard Methods for the Examination of Water and Wastewater, 20th Edition, 4500-H^+ or EPA Method 150.1 or equivalent shall be used to measure pH.

2. The following effluent limitations apply to the construction at Compressor Stations and Meter Stations listed in Appendix C, Table 2 of the fact sheet.

EFFLUENT LIMITATIONS: DISCHARGES TO SURFACE WATER AND WETLANDS	
Parameter	**Maximum Daily[a]**
Mercury	2.10 µg/L
Based upon WAC 173-201A, Water Quality Standards for Surface Waters of the State of Washington. Water Quality Criteria, Freshwater, Acute [a] The maximum daily effluent limitation is defined as the highest allowable daily discharge.	

EFFLUENT LIMITATIONS: DISCHARGES TO GROUND WATER	
Parameter	**Maximum Daily[a]**
Mercury	2.0 µg/L
Based upon WAC 173-200, Water Quality Standards for Ground Waters of the State of Washington. [a] The maximum daily effluent limitation is defined as the highest allowable daily discharge.	

Footnotes for both the tables:

(1) The method detection level (MDL) for Mercury is 0.2 µg/L using Cold-Vapor Atomic Absorption Spectrometery and method number 245.1 or 245.2 from 40 CFR Part 136 or Standard Methods for the Examination of Water and Wastewater, 3112B, pp 3-22, 20th Edition.

S2. COMPLIANCE WITH STANDARDS

The Permittee shall comply with State of Washington Surface Water Quality Standards (Chapter 173-201A WAC), Sediment Management Standards (Chapter 173-204 WAC), Ground Water Quality Standards (Chapter 173-200 WAC), and human health-based criteria in the National Toxics Rule (40 CFR Part 131.36). Discharges that are not in compliance with these standards are not authorized.

Compliance with surface water quality standards means that stormwater discharges from this facility will not cause or contribute to a violation of water quality standards in the receiving water.

When not in compliance with these standards, the Permittee shall take immediate action(s) to achieve compliance by implementing additional Best Management Practices (BMPs) and/or improvement of existing BMPs and file a noncompliance notification per Condition S4.E.

Permittees who discharge to ground water through an *injection well* shall comply with any applicable requirements of the Underground Injection Control (UIC) regulations, Chapter 173-218 WAC.

S3. MONITORING REQUIREMENTS

A. Construction Stormwater/Dewatering Monitoring Plan

Stormwater monitoring shall be conducted per the approved monitoring plan. The Permittee shall submit a monitoring plan for stormwater and construction dewatering discharges to the Department for review and approval thirty (30) days prior to initial discharge from the site and then on or before October 1st annually thereafter. The plan shall be sent to:

Permit Coordinator/Water Quality
WA State Department of Ecology
Northwest Regional Office
3190 – 160th Avenue SE
Bellevue, WA 98008-5452

The purpose of the monitoring plan shall be to assess compliance with the water quality standards in each water body that will receive stormwater and/or dewatering water discharge during the following year.

B. Annual Documentation of Soil Stabilization

The Permittee shall provide photographic or video documentation of soil stabilization BMP implementation to the Department no later than November 1st of each year.

C. Monitoring Schedule

1. Discharges to Surface Waters and Wetlands

Parameter	Units	Sample Point	Minimum Sampling Frequency	Sample Type
Turbidity	NTU	Receiving Water [1]	Rain event [2, 3]	Grab
Turbidity (nonchemical treatment)	NTU	Point of Discharge	Rain event [2, 3]	Grab
Total Petroleum Hydrocarbons	mg/L	Point of Discharge and receiving water	When sheen visible on any pond	Grab
pH	Std. Units	Point of Discharge	Daily [4]	Grab
Mercury [5]	µg/L	Point of Discharge	Rain event [2, 3]	Grab

[1] Upstream and downstream of discharge point.

[2] Within 24 hours of every ¼-inch or greater rainfall event.

[3] Not to exceed 3 times per week.

[4] Daily after engineered soils are used in the catchment being monitored.

[5] Monitoring for mercury is only required for construction at Compressor Stations and Meter Stations listed in Appendix C, Table 2 of the fact sheet. Mercury monitoring at an outfall may be discontinued if the Permittee consistently meets the effluent limits for that outfall for a period of six (6) consecutive rainfall events. The analytical test method for mercury is EPA Method 245.1 or 245.2 from 40 CFR 136.

Samples must be representative of discharge. Each distinct point of discharge from the site to surface waters or storm drains must be sampled and analyzed separately if activities and site conditions that may pollute the storm water are likely to result in discharges that will significantly vary in the quantity or type of pollutants.

2. Discharges to Ground Waters

Parameter	Units	Sample Point	Minimum Sampling Frequency	Sample Type
Total Petroleum Hydrocarbons	mg/L	Point of Discharge	When sheen visible on impoundment or discharge	Grab
pH	Std. Units	Point of Discharge	Daily [1]	Grab
Mercury [2]	µg/L	Point of Discharge	Weekly	Grab

[1] Daily after engineered soils are used in the catchment being monitored

[2] Monitoring for mercury is only required for upland discharge of construction stormwater runoff from Compressor Stations and Meter Stations listed in Appendix C, Table 2 of the fact sheet. Mercury monitoring may be discontinued if the Permittee consistently meets the effluent limits during six (6) consecutive discharging periods separated by one (1) week time period. The analytical test method for mercury is EPA Method 245.1 or 245.2 from 40 CFR 136.

D. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

E. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC.

S4. REPORTING AND RECORD KEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring data obtained during each monitoring period shall be summarized, reported, and submitted on a discharge monitoring report (DMR) form provided, or otherwise approved, by the Department except for priority pollutant data which shall be submitted in a separate report. DMR forms shall be received no later than the 15th day of the month following the completed monitoring period, unless otherwise specified in this permit. The DMRs and the priority pollutant reports shall be sent to the:

WPLCS Coordinator/Water Quality
WA State Department of Ecology
Northwest Regional Office
3190 – 160th Avenue SE
Bellevue, WA 98008-5452

Discharge monitoring report forms must be submitted monthly whether or not the facility was discharging. If there was no discharge through a specific outfall during a given monitoring period, the Permittee is required to either submit the detailed DMR form corresponding to that non-discharging outfall with the "No Discharge" box marked with an "X" or alternatively indicate on the summary DMR form (i.e. cover form listing all outfalls) with an "X" in the "No Discharge" column for the non-discharging outfall. For outfall(s) that had discharges during a given monitoring period, detailed DMR forms for each associated discharging outfall must be submitted.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three (3) years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information:

1. Date, exact place, method, and time of sampling or measurement;
2. Individual who performed the sampling or measurement;

3. Dates the analyses were performed;
4. Individual who performed the analyses;
5. Analytical techniques or methods used;
6. Results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S3 of this permit, then the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Permittee's DMR.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the terms and conditions of this permit due to any cause, the Permittee shall take the following mandatory steps:

1. Immediately take action to stop, contain, and clean up unauthorized discharges or otherwise stop the noncompliance, correct the problem and, if applicable, immediately repeat sampling and analysis of any noncompliance.

2. Immediately notify the Department of the failure to comply. After immediate notification, the Permittee is required to submit a detailed, written noncompliance report to the Department within five (5) days after becoming aware of the violation. The report shall contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

3. The Permittee is required to document the follow-up monitoring, triggered by noncompliance. Frequency of follow-up monitoring is once per day for each violated parameter, until three (3) consecutive daily samples show the discharge(s) is back in compliance. The Permittee is required to report these monitoring results on the monthly DMRs.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

S5. SOLID WASTE DISPOSAL

A. Solid Waste Handling

The Permittee shall handle and dispose of all solid waste material in such a manner as to prevent its entry into state ground or surface water.

B. Leachate

The Permittee shall not allow leachate from its solid waste material to enter state waters without providing all known available and reasonable methods of treatment, nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201A WAC, or the State Ground Water Quality Standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to state ground or surface waters.

S6. STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR CONSTRUCTION ACTIVITIES

A SWPPP for construction activity, including construction dewatering, shall be prepared, implemented, and updated to reflect current stage of construction activity. The SWPPP for each new phase of construction shall be kept current, updated as necessary, and submitted to the Department. At a minimum, the SWPPP shall be submitted to the Department annually. The SWPPP will cover the current and next year's anticipated activities. The phased construction activities include clearing, grading, filling, earth work, and excavation activities. The SWPPP shall include measures to prevent clean, non-turbid, uncontaminated groundwater dewatering waters from entering the stormwater treatment system and thereby eliminating the possibility of hydraulically overloading the stormwater treatment system. Standing sump water and other turbid water shall be conveyed and treated separately from any clean groundwater dewatering waters.

A. General Requirements

1. The SWPPP and all of its modifications shall be signed in accordance with General Condition G.1.B. In addition, the SWPPP shall be stamped by a Professional Engineer certified by the State of Washington.

2. The SWPPP shall be retained on-site or within reasonable access to the site and be made available upon request.

3. The Permittee shall be responsible for the implementation of the SWPPP. The SWPPP shall be attached to bid packages when seeking contractors to allow the contractor sufficient time and resources to plan implementation. At construction sites for which a lease, easement, or other use agreement has been obtained by the Permittee, the Permittee shall be responsible for the implementation of the SWPPP.

4. The Permittee shall implement procedures for reviewing the SWPPP with contractors and subcontractors prior to initiating construction activities. The Permittee shall implement procedures for addressing changes in plans and construction activities and resolving disagreements on the interpretation of the SWPPP.

5. The Permittee shall designate a contact person who will be available 24 hours a day to respond to emergencies, and to inquiries or directives from the Department. The contact person shall have authority over the SWPPP implementation. A qualified construction pollution control officer, as approved by the Department, shall be established to advise on and determine compliance with the SWPPP and the applicable water quality standards. The name of the pollution control officer shall be listed in the SWPPP. While the Permittee is ultimately responsible for the implementation of the SWPPP, both the Permittee and the contractor/subcontractor may be held liable for violations of the permit conditions and/or the water quality standards.

6. The Permittee shall retain the SWPPP and copies of inspection reports and all other reports required by this permit for at least three (3) years after the date of final stabilization of the construction site. The Permittee shall make these documents available upon request.

7. Reports on incidents, such as discharge of spills and other noncompliance notification, shall be included in the records.

8. A rain gauge shall be installed and maintained at each compressor station and loop with rainfall data logged daily.

9. Modifications:

    a. The Department may notify the Permittee when the SWPPP does not meet one or more of the requirements of this special condition. Upon notification by the Department, the Permittee shall take appropriate action(s) to come into compliance with this special condition. These SWPPP modifications shall be submitted to the Department for review, within thirty (30) days.

    b. The Permittee shall implement SWPPP and BMP modifications as directed by the Department if compliance with State of Washington Surface Water Quality Standards (Chapter 173-201A WAC), Sediment Management Standards (Chapter 173-204 WAC), Ground Water Quality Standards (Chapter 173-200 WAC), and human health-based criteria in the National Toxics Rule (Federal Register, Vol. 57, No. 246, Dec. 22, 1992, pages 60848-60923) is not being achieved.

    c. The Permittee shall modify the SWPPP whenever there is a change in design, construction, operation, or maintenance of any BMP which cause(s) the SWPPP to be less effective in controlling pollutants.

    d. Whenever a self-inspection reveals that the description of pollutant sources or the BMPs identified in the SWPPP are inadequate due to the actual discharge of, or potential to discharge, a significant amount of any pollutant, the SWPPP shall be modified as appropriate. The Permittee shall provide for implementation of any modifications to the SWPPP within thirty (30) days.

10. BMPs shall be selected from the Department's February 2005 *Stormwater Management Manual for Western Washington* (*SWMM*) or equivalent.

11. The Permittee may request in writing that the Department approve the use of an experimental BMP. The request shall be submitted to the Department at least thirty (30) days prior to the proposed use of the experimental BMP. The request shall include, but need not be limited to, a description of:

    a. The experimental BMP;

    b. Why the experimental BMP is being requested;

    c. Why the BMPs in the *SWMM* are not adequate;

    d. Applicable construction techniques;

    e. The characteristics of the site or sites at which use of the experimental BMP is proposed;

    f. Design criteria for the experimental BMP and the expected results;

    g. Maintenance procedures;

    h. Cost estimates;

    i. Monitoring procedures and duration; and

    j. If appropriate, an approved BMP that could be used if the experimental BMP fails.

12. Chemical Treatment

    a. Chemical treatment of stormwater must be authorized in writing by the Department.

    b. Chemicals may only be used to stabilize soils if the storm water from the chemical application area is routed to and treated by a stormwater detention pond. In addition, chemical treatment/soil stabilization shall be consistent with the Department's Stormwater Management Manuals.

    c. Spill prevention, control, and contingencies in the SWPPP should include specifics for all chemicals used.

B. Specific Requirements

1. The Permittee is required to submit the SWPPP to the Department to address the construction at each compressor station, at least thirty (30) days prior to the start of construction.

2. Prior to discharging to ground water, the Permittee is required to study the feasibility of infiltration areas.

C. SWPPP Contents and Requirements

The SWPPP shall consist of and include provisions for the following:

1. An Erosion and Sediment Control Plan:

The Erosion and Sediment Control Plan shall describe stabilization and structural practices, both of which shall be implemented to minimize erosion and the transport of sediments.

a. Stabilization Practices

The Erosion and Sediment Control Plan shall include a description of stabilization BMPs, including site-specific scheduling of the implementation of the practices. Stabilization practices may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, commercially available soil stabilization products, and other appropriate measures. A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included in the plan. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased.

The plan shall ensure that the following requirements are satisfied:

i) All exposed and unworked soils shall be stabilized by suitable and timely application of BMPs.

From October 1 to April 30:	No soils shall remain unstabilized for more than two (2) days.
From May 1 to September 30:	No soils shall remain unstabilized for more than seven (7) days.

ii) Existing vegetation should be preserved whenever possible. Areas which are not to be disturbed, including setbacks, sensitive/critical areas and their buffers, trees and drainage courses, shall be fenced or flagged on-site before construction activities are initiated. These areas should not be harmed when measures under the SWPPP and/or construction activities are undertaken.

iii) Cut and fill slopes shall be designed and constructed in a manner that will minimize erosion. Slopes shall be stabilized in accordance with the requirements of this subsection.

iv) Stabilization adequate to prevent erosion of outlets and adjacent stream banks shall be provided at the outlets of all conveyance systems.

v) All storm drain inlets made operable during construction shall be provided with adequate inlet protection and be properly maintained.

vi) Any and all use of polyacrylamides (PAM) for soil erosion protection shall be consistent with BMP C126 in Chapter 4, Volume II, of the Department's *SWMM*.

vii) Wherever construction vehicle access routes intersect paved roads, provisions must be made to minimize the transport of sediment (mud) onto the paved road. If sediment is transported onto a road surface, the roads adjacent to the construction site shall be cleaned on a regular basis. Street washing shall be allowed only after other methods to prevent the transport or removal of the sediments are unsuccessful. Street wash water may not be discharged to surface waters.

viii) All wheel wash discharges to ground water and surface water are prohibited.

b. Structural Practices

In addition to stabilization practices, the Erosion and Sediment Control Plan shall include a description of structural BMPs to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and sediment basins. Structural practices should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the Federal Clean Water Act.

The plan shall ensure that the following requirements are satisfied:

i) Prior to leaving the site, stormwater runoff shall pass through a sediment pond or sediment trap, or other appropriate BMPs.

ii) Properties adjacent to the project site shall be protected from sediment deposition.

iii) Sediment ponds and traps, perimeter dikes, sediment barriers, and other BMPs intended to trap sediment on-site shall be constructed as a first step in grading. These BMPs shall be functional before other land disturbing activities take place. Earthen structures used for sediment control such as dams, dikes, and diversions shall be stabilized as soon as possible.

iv) Properties and waterways downstream from the construction site shall be protected from erosion due to increases in volume, velocity, and peak flow of stormwater runoff from the project site. The stormwater discharge rate shall not exceed 50 percent of the predevelopment peak flow rate for the 2-year, 24-hour storm, and shall maintain the existing condition peak runoff rate for the 10-year, 24-hour and the 100-year, 24-hour design storms. If local requirements are more stringent, then the Permittee shall comply with the local requirements.

v) Construction site access points shall be stabilized with quarry spall or crushed rock to minimize the tracking of sediment onto public roads.

vi) All temporary erosion and sediment control BMPs shall be removed within thirty (30) days after final site stabilization is achieved or after the temporary BMPs are no longer needed. Trapped sediment shall be removed or stabilized on-site. Disturbed soil areas resulting from removal shall be permanently stabilized.

c. Inspection and Maintenance

All BMPs shall be inspected, maintained, and repaired as needed to assure continued performance of their intended function. All on-site erosion and sediment control measures shall be inspected daily when construction is occurring and within 24 hours after any storm event of greater than 0.25 inches of rain per 24-hour period.

d. Record Keeping

Reports summarizing the scope of inspections, the personnel conducting the inspection, the date(s) of the inspection, major observations relating to the implementation of the SWPPP, and actions taken as a result of these inspections shall be prepared and retained as part of the SWPPP.

e. Format

The Erosion and Sediment Control Plan shall consist of two parts: a narrative and a set of site plans. The Permittee may refer to Chapter 3, Volume II, of the Department's *SWMM* for guidance on the content and format.

2. Construction Stormwater/Dewatering Monitoring Plan

The SWPPP shall contain a detailed monitoring plan, including monitoring of discharges and the receiving water. The monitoring plan shall include sampling upstream and downstream of discharge points sufficient to evaluate compliance with all relevant water quality standards. The plan shall specify all sampling locations, parameters, and frequencies.

The plan shall also include a requirement that monitoring be conducted daily after a violation is documented until three (3) consecutive daily samples show the discharge(s) is back in compliance.

In the event the Permittee wants to modify the monitoring plan, proposed revisions shall be submitted to the Department at least thirty (30) days before implementing the revision. The monitoring plan shall be submitted thirty (30) days prior to initial discharge and thereafter annually on October 1st.

3. Control of Pollutants Other Than Sediment on Construction Sites

   All pollutants that occur on-site during construction shall be handled and disposed of in a manner that does not cause contamination of storm water or ground water. A Spill Prevention and Emergency Cleanup Plan shall be included as a section in the SWPPP. BMPs for Spills of Oil and Hazardous Substances in Chapter 2 of Volume IV of the Department's *SWMM* shall be used for guidance in developing this plan.

   During excavation activities, if excavated soils exhibit a sheen or unusual odor, indicative of possible soil contamination, the excavation activity will be immediately halted and the soil tested. If the testing confirms the presence of contaminated soils, then these soils will be disposed of in accordance with Ecology's standards.

   Solid chemicals, chemical solutions, paints, petroleum products, solvents, acids, caustic solutions and waste materials, including used batteries, shall be stored in a manner which will prevent the inadvertent entry of these materials into waters of the state, including ground water. Storage shall be in a manner that will prevent spills due to overfilling, tipping, or rupture. In addition, the following practices shall be used:

   a. All liquid products and wastes shall be stored on durable impervious surfaces and within covered and bermed containment capable of containing 110 percent of the largest single container in the storage area. Reasonable steps shall be taken to prevent releases of liquid products from malicious tampering or vandalism.

   b. All waste shall be stored under cover, such as tarpaulins or roofed structures. All waste storage areas, whether for waste oil or hazardous waste, shall be clearly designated as such and kept segregated from new product storage.

4. Process Water and Domestic Wastewater

   The SWPPP shall include measures to prevent the addition of process water or domestic wastewater into stormwater and measures to verify that process water and wastewater discharges do not enter the stormwater treatment system.

5. Coordination with Local Requirements

   This permit does not relieve the Permittee of compliance with any more stringent requirements of local government.

PART II: HYDROSTATIC TEST WATER DISCHARGE

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

A. Authorized Discharges

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit.

The discharge of any of the following pollutants more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date of this permit and lasting through the expiration date, the Permittee is authorized to discharge hydrostatic test water at the permitted land surface listed in Table 2 of the permit, subject to complying with the following limitations:

DISCHARGE LIMITATIONS	
Parameter	**Maximum Daily[a]**
Total Petroleum Hydrocarbon (TPH)	10 mg/L
Diesel Range Petroleum Hydrocarbon, or heavy oils[b]	2,000 mg/kg
pH	Not outside the range of 6.5 and 8.5 standard units

[a] The maximum daily effluent limitation is defined as the highest allowable daily discharge.

[b] This limit applies to soil collected within infiltration area.

B. Discharge Prohibitions

At no time is discharge of hydrostatic test water (other than as minor seepage through the hay bale containment structure) allowed to flow into rivers, streams, lakes, ponds, wetlands, or other surface water bodies.

Such minor seepage shall not result in erosion or scouring of the rivers or creeks. The volume of the discharge shall not exceed 10 percent of the river or creek flow at the time of the discharge.

Such discharges shall not result in a visible increase in turbidity in the receiving water.

S2. MONITORING REQUIREMENTS

The Permittee shall monitor in accordance with the following schedule:

A. Monitoring Schedule

Parameter	Units	Minimum Sampling Frequency	Sample Type
Flow	Gallons	Per batch	Calculated
TPH	mg/L	Per batch	Grab
pH	Standard Units	Per batch	Grab
Oily Sheen	Yes/No	Per batch	Visual Inspection
Diesel Range Petroleum Hydrocarbon, or Heavy Oils	mg/Kg	Upon Each Infiltration Site Completion	Composite (as necessary)[a]

[a] The Permittee shall collect a soil sample within the infiltration site when a visible layer of petroleum hydrocarbon is observed on the soils after infiltration is completed. Composite soil samples shall be collected from a depth of 0-12 inches at an area where a layer of petroleum hydrocarbon is observed.

B. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136.

C. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. The Department exempts crops, soils, and hazardous waste data from this requirement pending accreditation of laboratories for analysis of these media.

S3. REPORTING AND RECORD KEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the first hydrostatic pipeline testing. Monitoring results shall be submitted for each batch discharge. Monitoring data obtained during each batch discharge monitoring period shall be summarized, reported, and submitted on a discharge monitoring report (DMR) form provided, or otherwise approved, by the Department. DMR forms shall be postmarked or received no later than the 15th day of the month following the completion of each batch discharge event, unless otherwise specified in this permit. Priority pollutant analysis data shall be submitted no later than forty-five (45) days following the monitoring period. The report(s) shall be sent to the Department of Ecology, Northwest Regional Office, 3190 – 160th Avenue SE, Bellevue, Washington 98008-5452.

All laboratory reports providing data for organic and metal parameters shall include the following information: sampling date, sample location, date of analysis, parameter name, CAS number, analytical method/number, method detection limit (MDL), laboratory practical quantitation limit (PQL), reporting units, and concentration detected.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three (3) years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling or measurement; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) the individual who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2 of this permit, then the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Permittee's DMR.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the terms and conditions of this permit due to any cause, the Permittee shall take the following mandatory steps:

1. Immediately take action to stop, contain, and clean up unauthorized discharges or otherwise stop the noncompliance, correct the problem and, if applicable, immediately repeat sampling and analysis of any noncompliance.

2. Immediately notify the Department of the failure to comply. After immediate notification, the Permittee is required to submit a detailed, written noncompliance report to the Department within five (5) days after becoming aware of the violation. The report shall contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

3. The Permittee is required to document the follow-up monitoring, triggered by noncompliance. Frequency of follow-up monitoring is once per day for each violated parameter, until three (3) consecutive daily samples show the discharge(s) is back in compliance. The Permittee is required to report these monitoring results on the monthly DMRs.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

S4. STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

1. Develop and implement an adequate Stormwater Pollution Prevention Plan (SWPPP) prior to the discharge of hydrostatic test water from the 36-inch replacement pipeline project.

2. Upon receipt of this permit, the Permittee shall prepare the SWPPP in accordance with the guidance provided in the *Stormwater Pollution Prevention Planning for Industrial Facilities* Publication # WQ-R-93-015, 1998, which is published by the Department of Ecology and available on Ecology's website at http://www.ecy.wa.gov/biblio/wqr93013.html. The plan shall contain at least the following elements:

a. The Permittee shall develop and maintain on-site a specific SWPPP for each loop of pipeline tested prior to any discharge relating to this project. The SWPPP shall include best management practices (BMPs) and an approvable water quality monitoring plan which will address hydrostatic test water discharges associated with pipeline construction.

b. Each specific monitoring plan shall include sample locations, sampling frequencies, parameters to be sampled, collection and analytical protocols, data management techniques, and a drainage map showing nearby surface waters. Parameters of concern are primarily pH and total petroleum hydrocarbon (TPH).

c. The Northwest Pipeline Corporation shall not discharge the water with pH outside the range of 6.5 to 8.5 pH units.

d. If the results of a test sample exceed 10 mg/L for Total Petroleum Hydrocarbons (TPH), treatment shall be provided. Treatment shall be consistent with the SWPPP. If an oily sheen is observed, absorbent pad materials shall be employed on the water. At no time is the soil in the infiltration area allowed to exceed 2000 mg/Kg of diesel range petroleum hydrocarbon and heavy oils.

e. The SWPPP will identify a responsible project official for each loop of pipeline tested, who shall have authority to direct necessary corrective measures for the protection of water quality.

3. At a minimum, land application locations shall be 200 feet from surface water bodies, such as rivers, streams or wetlands, unless topography, or other physical or technically engineered features, at a specific location will prevent discharge waters from entering a water body when the discharge location is less than 200 feet from the water body.

4. The Permittee shall modify the SWPPP whenever there is a change in design, construction, operation, or maintenance of any BMP which cause(s) the SWPPP to be less effective in controlling pollutants.

5. Whenever a self-inspection reveals that the description of pollutant sources or the BMPs identified in the SWPPP are inadequate due to the actual discharge of, or potential to discharge, a significant amount of any pollutant, the SWPPP shall be modified as appropriate. The Permittee shall provide for implementation of any modifications to the SWPPP within fourteen (14) days. These SWPPP modifications shall be submitted to the Department for review, within thirty (30) days prior to implementation.

6. The SWPPP for each loop of pipeline testing must be on site prior to any project related discharges.

7. Monitoring data and SWPPP submittals for Whatcom and Snohomish Counties shall be submitted to:

Jeanne Tran
Department of Ecology
Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, WA 98008-5452

8. Monitoring data and SWPPP submittals for Pierce County shall be submitted to:

Jeanne Tran
Department of Ecology
Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, WA 98008-5452

and

Margaret Hill
Department of Ecology
Southwest Regional Office
P.O. Box 47775
Olympia, WA 98504-7775

S5. BEST MANAGEMENT PRACTICES (BMPS)

1. The hydrostatic test water shall be released slowly in a controlled manner to the hydrostatic test dewatering structures (hay bales structure or sand filter bags system) for infiltration. These BMP structures shall be functional before discharging hydrostatic test water to them, and they shall be inspected, maintained, and repaired as needed to assure continued performance of their intended function.

2. During heavy storm events, Northwest Pipeline Corporation shall cease discharge of hydrostatic test water to the hydrostatic test dewatering structures if such discharge timing would result in runoff or sheet flow to a surface water receptor.

3. Samples shall be collected, analyzed, logged, and reported to the Department in accordance with the SWPPP.

GENERAL CONDITIONS

(PARTS I AND II)

G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed and certified.

A. All permit applications shall be signed by either a responsible corporate officer of at least the level of vice president of a corporation, a general partner of a partnership, or the proprietor of a sole proprietorship.

B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above and submitted to the Department.

2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)

C. Changes to authorization. If an authorization under paragraph B.2, above, is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph B.2, above, must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.

D. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

G2. RIGHT OF INSPECTION AND ENTRY

The Permittee shall allow an authorized representative of the Department, upon the presentation of credentials and such other documents as may be required by law:

A. To enter upon the premises where a discharge is located or where any records must be kept under the terms and conditions of this permit.

B. To have access to and copy - at reasonable times and at reasonable cost - any records required to be kept under the terms and conditions of this permit.

C. To inspect - at reasonable times - any facilities, equipment (including monitoring and control equipment), practices, methods, or operations regulated or required under this permit.

D. To sample or monitor - at reasonable times - any substances or parameters at any location for purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act.

G3. PERMIT ACTIONS

This permit may be modified, revoked and reissued, or terminated either at the request of any interested person (including the Permittee) or upon the Department's initiative. However, the permit may only be modified, revoked and reissued, or terminated for the reasons specified in 40 CFR 122.62, 122.64 or WAC 173-220-150 according to the procedures of 40 CFR 124.5.

A. The following are causes for terminating this permit during its term, or for denying a permit renewal application:

1. Violation of any permit term or condition.

2. Obtaining a permit by misrepresentation or failure to disclose all relevant facts.

3. A material change in quantity or type of waste disposal.

4. A determination that the permitted activity endangers human health or the environment or contributes to water quality standards violations and can only be regulated to acceptable levels by permit modification or termination [40 CFR Part 122.64(3)].

5. A change in any condition that requires either a temporary or permanent reduction or elimination of any discharge or sludge use or disposal practice controlled by the permit [40 CFR Part 122.64(4)].

6. Nonpayment of fees assessed pursuant to RCW 90.48.465.

7. Failure or refusal of the Permittee to allow entry as required in RCW 90.48.090.

B. The following are causes for modification but not revocation and reissuance except when the Permittee requests or agrees:

1. A material change in the condition of the waters of the state.

2. New information not available at the time of permit issuance that would have justified the application of different permit conditions.

3. Material and substantial alterations or additions to the permitted facility or activities which occurred after this permit issuance.

4. Promulgation of new or amended standards or regulations having a direct bearing upon permit conditions, or requiring permit revision.

5. The Permittee has requested a modification based on other rationale meeting the criteria of 40 CFR Part 122.62.

6. The Department has determined that good cause exists for modification of a compliance schedule, and the modification will not violate statutory deadlines.

7. Incorporation of an approved local pretreatment program into a municipality's permit.

C. The following are causes for modification or alternatively revocation and reissuance:

1. Cause exists for termination for reasons listed in A1 through A7, of this section, and the Department determines that modification or revocation and reissuance is appropriate.

2. The Department has received notification of a proposed transfer of the permit. A permit may also be modified to reflect a transfer after the effective date of an automatic transfer (General Condition G8) but will not be revoked and reissued after the effective date of the transfer except upon the request of the new Permittee.

G4. REPORTING A CAUSE FOR MODIFICATION

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports whenever a material change to the facility or in the quantity or type of discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least sixty (60) days prior to any proposed changes. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

G5. COMPLIANCE WITH OTHER LAWS AND STATUTES

Nothing in this permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

G6. DUTY TO REAPPLY

The Permittee shall apply for permit renewal at least one hundred and eighty (180) days prior to the specified expiration date of this permit.

G7. TRANSFER OF THIS PERMIT

In the event of any change in control or ownership of facilities from which the authorized discharge emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Department.

A. Transfers by Modification

Except as provided in paragraph B, below, this permit may be transferred by the Permittee to a new owner or operator only if this permit has been modified or revoked and reissued under 40 CFR 122.62(b)(2), or a minor modification made under 40 CFR 122.63(d), to identify the new Permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

B. Automatic Transfers

This permit may be automatically transferred to a new permittee if:

1. The Permittee notifies the Department at least thirty (30) days in advance of the proposed transfer date.

2. The notice includes a written agreement between the existing and new Permittee's containing a specific date transfer of permit responsibility, coverage, and liability between them.

3. The Department does not notify the existing Permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit. A modification under the subparagraph may also be minor modification under 40 CFR 122.63. If this notice is not received, the transfer is effective on the date specified in the written agreement.

G8. REMOVED SUBSTANCES

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the final effluent stream for discharge to state waters.

G9. DUTY TO PROVIDE INFORMATION

The Permittee shall submit to the Department, within a reasonable time, all information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The Permittee shall also submit to the Department upon request, copies of records required to be kept by this permit [40 CFR 122.41(h)].

G10. OTHER REQUIREMENTS OF 40 CFR

All other requirements of 40 CFR 122.41 and 122.42 are incorporated in this permit by reference.

G11. ADDITIONAL MONITORING

The Department may establish specific monitoring requirements in addition to those contained in this permit by administrative order or permit modification.

G12. PAYMENT OF FEES

The Permittee shall submit payment of fees associated with this permit as assessed by the Department.

G13. PENALTIES FOR VIOLATING PERMIT CONDITIONS

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars ($10,000) and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars ($10,000) for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be deemed to be a separate and distinct violation.

G14. PROPERTY RIGHTS

This permit does not convey any property rights of any sort, or any exclusive privilege.

G15. DUTY TO COMPLY

The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

G16. TOXIC POLLUTANTS

The Permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if this permit has not yet been modified to incorporate the requirement.

G17. PENALTIES FOR TAMPERING

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than two (2) years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this Condition, punishment shall be a fine of not more than $20,000 per day of violation, or by imprisonment of not more than four (4) years, or by both.

G18. REPORTING PLANNED CHANGES

The Permittee shall, as soon as possible, give notice to the Department of planned physical alterations or additions to the permitted facility, production increases, or process modification which will result in: 1) the permitted facility being determined to be a new source pursuant to 40 CFR 122.29(b); 2) a significant change in the nature or an increase in quantity of pollutants discharged; or 3) a significant change in the Permittee's sludge use or disposal practices. Following such notice, this permit may be modified, or revoked and reissued pursuant to 40 CFR 122.62(a) to specify and limit any pollutants not previously limited. Until such modification is effective, any new or increased discharge in excess of permit limits or not specifically authorized by this permit constitutes a violation.

G19. REPORTING ANTICIPATED NONCOMPLIANCE

The Permittee shall give advance notice to the Department by submission of a new application or supplement thereto at least one hundred and eighty (180) days prior to commencement of such discharges, of any facility expansions, production increases, or other planned changes, such as process modifications, in the permitted facility or activity which may result in noncompliance with permit limits or conditions. Any maintenance of facilities, which might necessitate unavoidable interruption of operation and degradation of effluent quality, shall be scheduled during noncritical water quality periods and carried out in a manner approved by the Department.

G20. REPORTING OTHER INFORMATION

Where the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

G21. COMPLIANCE SCHEDULES

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.